

20030824.qrp v03_n022.qrl.20030824

Date: Sun, 24 Aug 2003 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3022

QRP-L Digest 3022

Topics covered in this issue include:

- 1) [156783] Re: Anyone else missing their Homebrewer mag?
by "Bill Linn" <blinn@smgazette.com>
- 2) [156784] Re: Pittsburg style with a dremel router
by Ed Tanton <n4xy@earthlink.net>
- 3) [156785] Re: New MFJ Tuner
by "Mike Yetzko" <myetzko@insydesw.com>
- 4) [156786] 3 dB over everything... (was: RE: Big Momma Loops (BML-not BPL))
by Brad Thompson <Brad.Thompson@valley.net>
- 5) [156787] Re: New MFJ Tuner
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 6) [156788] Re: Bubba Bust
by Fghester@aol.com
- 7) [156789] Houston Ham & Antique Radio swapmeet
by Michael Goins <mgoins@usa.net>
- 8) [156790] Yet More El Cheapo Board Spacers
by Brad Thompson <Brad.Thompson@valley.net>
- 9) [156791] Re: Schematic Drawing Program
by Brad Thompson <Brad.Thompson@valley.net>
- 10) [156792] Re: New MFJ Tuner
by Rick McKee <kc8aon@juno.com>
- 11) [156793] QHB issues 2, 6 and 7
by "George Heron N2APB" <n2apb@erols.com>
- 12) [156794] Re: Bubba Bust
by Wayne_W5KDJ <w5kdj@juno.com>
- 13) [156795] New small MFJ Tuner
by Karl Larsen <k5di@zianet.com>
- 14) [156796] Re: What is it about hams?
by K7VO <k7vo@earthlink.net>
- 15) [156797] Re: What is it about hams
by K7VO <k7vo@earthlink.net>
- 16) [156798] Re: Missing magazines, subscriptions, orders
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 17) [156799] Re: Anyone else missing their Homebrewer mag?
by N0tk@aol.com
- 18) [156800] RE: What is it about hams?
by "Paul Womble" <pwomble@verizon.net>
- 19) [156801] BUBBA Bust or Blast NQ7RP

- by "Floyd Smithberg" <nq7x@earthlink.net>
- 20) [156802] Re: QHB issues 2, 6 and 7
by "George Heron N2APB" <n2apb@erols.com>
- 21) [156803] Re: Missing magazines, subscriptions, orders
by "Dave Ek" <ekdave@earthlink.net>
- 22) [156804] Quirky English laws
by "Robert K. Henderson" <rkhsympatico.ca>
- 23) [156805] Re: BUBBA Bust or Blast NQ7RP
by "John Sielke" <jsielke@pobox.com>
- 24) [156806] Re: DSP manual or schematic????
by William R Colbert <w5xe@juno.com>
- 25) [156807] What is a "Pittsburg" board?
by "Doug Hendricks" <ki6ds@dospalos.org>
- 26) [156808] Re: Quirky English laws
by "Leon Heller" <leon_heller@hotmail.com>
- 27) [156809] Solar Flare Alert/IPS Geo Warning
by Ken Brown <hfbeacons@juno.com>
- 28) [156810] Re: Missing magazines, subscriptions, orders
by Paul <mooney@cytanet.com.cy>
- 29) [156811] Re: BUBBA Bust or Blast NQ7RP
by Wayne_W5KDJ <w5kdj@juno.com>
- 30) [156812] Re: What is it about hams
by w9ya <w9ya@arrl.net>
- 31) [156813] Re: What is a "Pittsburg" board?
by "William Phinizy" <k6whp@verizon.net>
- 32) [156814] Re: DDS experimenter's kit
by James R Giammanco <n5ib@juno.com>
- 33) [156815] BUBBA
by Bob Patten <n4bp@bellsouth.net>
- 34) [156816] Re: What is it about hams
by Dale Botkin <dale@botkin.org>
- 35) [156817] Re: Schematic Drawing Program
by W2EB <w2eb@twcnny.rr.com>
- 36) [156818] Gear // WQ4RP trip for NEQRPTTF
by "John Paul Keon" <jpkeon@nc.rr.com>
- 37) [156819] Worked a walking ham station this morning...
by <bill@n4qa.com>
- 38) [156820] Re: What is it about hams
by w9ya <w9ya@arrl.net>
- 39) [156821] Re: Bubba Bust
by Bruce Rattray <rattray@gpfn.sk.ca>
- 40) [156822] Re: Schematic Drawing Program
by "Rod N0RC" <rod@n0rc.us>
- 41) [156823] Re: BPL (was: What is it about hams?)
by Tim Groat <tcgroat@earthlink.net>
- 42) [156824] Re: BUBBA
by "John Sielke" <jsielke@pobox.com>
- 43) [156825] Re: Bubba Bust

by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
44) [156826] Re: DDS experimenter's kit
by "Trevor Jacobs" <kg6cyn@softhome.net>
45) [156827] Re: What is a "Pittsburg" board?
by Dale Botkin <dale@botkin.org>
46) [156828] Re: What is a "Pittsburg" board
by "Michael C. Boatright" <ko4wx@mindspring.com>
47) [156829] Re: What is a "Atlanta" board?
by "Mike Branca" <w3irz@att.net>
48) [156830] Using good subject headers - Re: BPL (was: What is it about hams?)
by Jim Larsen <JimLarsen2002@alaska.net>

Date: Sat, 23 Aug 2003 15:02:09 -0700
From: "Bill Linn" <blinn@smgazette.com>
To: <ekdave@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156783] Re: Anyone else missing their Homebrewer mag?
Message-ID: <001201c369c2\$350fb6a0\$a370ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ME..... WA7TQK - Bill

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Sat, 23 Aug 2003 18:36:29 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: myetsko@insydesw.com, qrp-L Reflector <qrp-l@lehigh.edu>
Subject: [156784] Re: Pittsburg style with a dremel router
Message-ID: <5.2.1.1.2.20030823183518.02406ea8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

No Mike... that would be Mars-style.

///snip

>Maybe it needs to be renamed 'Venice' construction, since you're cutting
>canals...

>
>Mike

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 23 Aug 2003 18:38:50 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156785] Re: New MFJ Tuner
Message-ID: <00c601c369c7\$873aec60\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Today I saw the new "Portable" antenna Tuner MFJ is selling for
> \$69. It's really small! It's rated at 150 watts max which has to do with
> the 2 variable capacitor spacing. The coil has to be a toroid and my
> friend wf5a says it works great and was a perfect fix for his problem.

> He can't get his Outbacker mobile antenna to load up on 40 meters. But
> with this tuner he gets about 50 KHz bandwidth perfect swr.
>
> This is a good tuner for a qrp user. And you can go QRO with it
> too.

I personally like the little MFJ tuners, but I would NEVER EVER]
attempt to go QRO. Their power ratings are BS, in my opinion.

The only thing I can figure is they do their 'max power' calculation by
figuring out what the peak voltage the caps can handle, then figure back
at a perfect match from a non-reactive load to get the input power.
That's fine if you're matching a cantenna...

But in the real world, trying to match a long wire I've had my MFJ
tuners 'arc over' with as little as 50w. If your antenna ain't close to
begin with, then don't waste the effort or you might spend an evening
inside the thing with a jewelers file fixing a 'scratch' in the cap from
where
it melted over.

On the other hand, I think the MFJ little tuners are fantastic for QRP.
They are build relatively rugged, mechanically, and as long as I didn't
put more than 25W from my HTX-100 through it, I could match to an
old out of service electric fence on a camping trip!

I used my little MFJ on my K2 for quite some time, till I finally got the
built in ATU option.

In fact, I LOVE the little MFJ tuners. But I would NEVER try to run
ANYWHERE near their 'advertised' power level.

Mike

Date: Sat, 23 Aug 2003 19:03:53 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: n4xy@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156786] 3 dB over everything... (was: RE: Big Momma Loops (BML-not
BPL))
Message-ID: <5.0.2.1.2.20030823190158.01bdac10@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:21 PM 08/23/2003 -0400, Ed Tanton wrote:

>A further comment: "gain" is simply some amount of increase over some
>reference amount. Regardless of what the 'gain' is regarding. The most
>interesting thing about dBs, is that they refer to increase over a natural
>reference: the human ear. That is to say, 1 dB was originally defined as
>the least amount of change in sound detected by a presumably average human
>ear. I suspect that the truth might be closer to Alex. G. Bell's
>ear-perhaps averaged with those of his staff. I figure it's really: 1dB:
>loud; 2dB: very loud; and 3dB: really, really loud. [grin]

Hello--

A friend once referred to a project as being "3 dB over its budget", which
meant that the project's funds had
been overspent by a factor of two. After all, money is power<g>.

73--

Brad AA1IP

Date: Sat, 23 Aug 2003 16:26:11 -0700 (PDT)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156787] Re: New MFJ Tuner
Message-ID: <20030823232611.52208.qmail@web80513.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Karl Larsen <k5di@zianet.com> wrote:

>
> Today I saw the new "Portable" antenna Tuner MFJ is selling for
> \$69. It's really small! It's rated at 150 watts max which has to do
> with
> the 2 variable capacitor spacing. The coil has to be a toroid and my
> friend wf5a says it works great and was a perfect fix for his
> problem.

Model Number???

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sat, 23 Aug 2003 19:28:30 EDT
From: Fghester@aol.com
To: jsielke@pobox.com, qrp-1@lehigh.edu
Subject: [156788] Re: Bubba Bust
Message-ID: <186.1e3ed6f3.2c79529e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Samo here John. It was pathetic. Bands nearly dead in cenral illinois. you may have won the darn thing! / Woody / WD9F

Date: Sat, 23 Aug 2003 18:37:03 -0500
From: Michael Goins <mgoins@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [156789] Houston Ham & Antique Radio swapmeet
Message-ID: <308HHwX1D5184S18.1061681823@uwdvg018.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

For those on the list in the Greater Houston area, the Katy Amateur Radio= Society & Houston Vintage Radio Association 3rd Annual Swapmeet and Aucti= on is coming up on September 13th.

There's a VE session, antiques radios and three auctions - THREE HVRA Vin= tage, Ham, and leftovers.

Looking for a cheap TenTec HF rig myself, broken, not working, or whateve= r.
See you there.

Details at <http://www.omnilaw.com/karsradio/swapmeet.htm>

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857, AMQRP

Murphy's Law of Inanimate Reproduction: If you take anything apart and put it back together enough times, pretty soon you'll have two."

Date: Sat, 23 Aug 2003 19:16:32 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: mjfitz@uswest.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156790] Yet More El Cheapo Board Spacers
Message-ID: <5.0.2.1.2.20030823191156.01d0a1c0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

If you can locate a dried-out or used-up Bic ballpoint pen, you can use its barrel for standoffs. Yank out the ink tube and ball point with a pair of pliers and use a hacksaw to cut the barrel to the lengths you need. You can secure the standoffs either via long through-bolts or via self-tapping (plastic threaded) screws torqued into the standoffs' ends. A junked radio, answering machine or consumer-electronic appliance typically contains these screws as case fasteners.

73--

Brad AA1IP

At 02:44 AM 08/22/2003 -0500, mjfitz@uswest.net wrote:

>If you shoot a .22 a bit the brass shell casings also make
>good spacers after you cut off the base of the cartridge
>with a dremel-type cutting disc. The longer .22 magnum
>shells by CCI that are nickel-plated brass are even better,
>and it gives you another reason to go out and slay poor
>little animals...if you need another one...

>

> just another cold-blooded killer...

>

Mike NOMF

Date: Sat, 23 Aug 2003 19:33:39 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: jc@cowgar.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156791] Re: Schematic Drawing Program
Message-ID: <5.0.2.1.2.20030823192848.020f8ec0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:10 AM 08/22/2003 -0400, Jeremy Cowgar wrote:

>Greetings.

>

>What's the general consensus on a good, free Schematic drawing program. It
>seems that there are quite a few of the > 15, and it would take quite the
>chunk of time to evaluate them all, so I was curious of the QRP-L group
>has a favorite?

Hello--

Don't overlook the ***free*** printed-circuit board schematic capture and layout packages offered by ExpressPCB and PCB123. You can define your own symbols if you can't find what you need in their libraries, and if you feel an inclination to do so, you can lay out an actual printed-circuit board for your project.

While the schematic and PC-board files are proprietary, you can exchange them with other users and also get decent schematic prints on paper. If you own an optical scanner, you can create a jpg image (or one in another format) for general distribution. ExpressPCB produces a printout of the board's component outlines that's useful for trial "stuffing" of a PC-board mockup made from conductive foam or other material.

I have no interest in either company but have used (on two occasions so far) ExpressPCB's \$62.00 three-board special offer with satisfactory results.

73--

Brad AA1IP

Date: Sat, 23 Aug 2003 19:52:14 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [156792] Re: New MFJ Tuner
Message-ID: <20030823.195222.9190.2.kc8aon@juno.com>

MFJ's power rating is based on input power of the radio - not what the tuner will handle.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
RX
QRP-L #2112, FPqrp #33, AR QRP AmQRP
I'll give up CW when I'm dead ! MAYBE !

On Sat, 23 Aug 2003 18:38:50 -0400 "Mike Yetsko" <myetsko@insydesw.com>
writes:

>> Today I saw the new "Portable" antenna Tuner MFJ is selling for
>> \$69. It's really small! It's rated at 150 watts max which has to do
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>put more than 25W from my HTX-100 through it, I could match to an
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>built in ATU option.
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>In fact, I LOVE the little MFJ tuners. But I would NEVER try to run
>ANYWHERE near their 'advertised' power level.
>
>Mike
>
>
>

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 23 Aug 2003 19:58:11 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156793] QHB issues 2, 6 and 7
Message-ID: <013c01c369d2\$699bc250\$f4c03ad0@GH001188>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doing some cleaning of the NJQRP Warehouse (i.e., my corner of the basement)
and found some long out-of-print copies of QRP Homebrewer magazine issues 2,
6 and 7. Check out content at the QHB web page
(http://www.njqrp.org/data/qrp_homebrewer.html)

I'll send these to the first person sending \$15 along for the set of them.

Also have some copies remaining of the last issue of that NJQRP mag that will ever be created (#10) - can send these too at \$5 each.

73, George N2APB

PayPal to n2apb@amsat.org
or snail mail to:
George Heron, N2APB
2419 Feather Mae Ct
Forest Hill, MD 21050

Date: Sat, 23 Aug 2003 23:59:00 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: jsielke@pobox.com
Cc: qrp-1@Lehigh.EDU
Subject: [156794] Re: Bubba Bust
Message-ID: <20030823.165944.8359.43441@webmail14.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Props were ok here in Houston, I was hearing W2AGN & N4BP for the 2.5hrs I was on. I ended up with 12 QSO's at 1 watt & a score of 24976, I wrkd WQ7RP 10k points. 21mcs appeared to be open but I never heard anyone come back to about 30 cq's. I was looking forward to the full 6hrs but got tired of hearing the same 4 stations all the time. Hi Hi. O well there will always be another contest.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL

--- "John Sielke" <jsielke@pobox.com> wrote:

5 hours....10 QSOs. All but 1 on 20M. Ohio QSO Party pretty well wiped outr 40M, but had one curious VE3 answer my "CQ BUBBA."

Lots of QSB on 20. I had to ask for fills almost every QSO. Very embarrassing.

What did other BUBBAers think?

John W2AGN...still looking forward to QRP Afield.

Date: Sat, 23 Aug 2003 18:21:32 -0600 (MDT)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [156795] New small MFJ Tuner
Message-ID: <Pine.LNX.4.44.0308231819540.1381-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the MFJ-902 tuner, very small. Goto:

<http://www.mfjenterprises.com/products.php?prodid=MFJ-902>

and you can see it.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 23 Aug 2003 20:53:55 -0400
From: K7V0 <k7vo@earthlink.net>
To: "Paul Womble" <pwomble@verizon.net>, qrp-l@lehigh.edu
Subject: [156796] Re: What is it about hams?
Message-ID: <20030823205355.534f6866.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sat, 23 Aug 2003 08:50:43 -0400
"Paul Womble" <pwomble@verizon.net> wrote:

> HUH?
>
> Please explain the documentation for this?

Paul: I am not going to take the time to research it and dig out an old news item. It was in the ARRL letter and on eHam.

73,
Caity
K7V0

Date: Sat, 23 Aug 2003 20:57:38 -0400
From: K7V0 <k7vo@earthlink.net>
To: jsielke@pobox.com, qrp-l@lehigh.edu
Subject: [156797] Re: What is it about hams
Message-ID: <20030823205738.432e12c9.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sat, 23 Aug 2003 16:11:07 -0400
"John Sielke" <jsielke@pobox.com> wrote:

>
> Hmmm! Seems to be taking awhile to confirm this. Could it be another case of
> misinformation? Naaah! I sure the FCC will shut me down if I crash my
> neighbors Radio Shack R/C car too many times.

Thank you for accusing me of lying because I don't live online. As I remember, it was a baby monitor, but I could have that wrong. You want confirmation: you spend the time to research all the old FCC proceedings or ARRL letter. I will get to it... eventually. I don't live at your beck and call.

-K7V0

--
Caitlyn M. Martin -- K7V0
<http://www.mizuhoradio.com/personal/k7vo>

Unofficial Mizuho website:
<http://www.mizuhoradio.com>

Tokyo Hy-Power reflector website:
<http://www.mizuhoradio.com/personal/k7vo/thp>

Date: Sat, 23 Aug 2003 21:01:08 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: n2go@arrl.net
Subject: [156798] Re: Missing magazines, subscriptions, orders
Message-ID: <5.0.2.1.2.20030823205349.02971730@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim,

Unfortunately, magazine publishers really are at the whim of the USPS. Regardless of shipping class, it has been my personal experience, as well that as the editor of QRP Quarterly, that sending post via the USPS has really become a crap shoot. Much gets there faster than ever. Much now gets there via the BY bureau (on a slow boat and back). It seems that ever since the anthrax scare a couple of years ago, the service has been very, very unpredictable.

As editor of QQ (and I know other editors do this as well), I try to make a posting on the "L" about a week after mailing, because that's about when the first batch will be hitting the mail boxes. One thing that we do at QQ is that George Gingell, K3TKS, handles covering those issues that don't make it through the "system." Unfortunately, "Danny" has had some health problems this summer, but I assure you that the staff of QQ and I will do everything we can to "make good" on any issues missed in error.

72 de Mike, K04WX, Editor, QRP Quarterly
Michael C. Boatright

Date: Sat, 23 Aug 2003 21:05:28 -0400
From: N0tk@aol.com
To: ekdave@earthlink.net, qrp-l@lehigh.edu
Subject: [156799] Re: Anyone else missing their Homebrewer mag?
Message-ID: <28297DAA.1310A74C.00002D75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Dave
I'm on an extended business trip but inquiries to my family members at home indicate that it has not yet arrived in Highlands Ranch, CO either.
Dan N0TK
/6 in Manhattan Beach, CA
home QTH at Highlands Ranch, CO

Date: Sat, 23 Aug 2003 21:34:47 -0400
From: "Paul Womble" <pwomble@verizon.net>
To: <qrp-l@lehigh.edu>
Subject: [156800] RE: What is it about hams?
Message-ID: <000e01c369df\$ebc537e0\$6401a8c0@house>

MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Several different searches of eham.net and arrl.org resulted in zero data to back up this claim.

There were multiple hits about Part 15 devices...the FCC does not give devices operating under Part 15 any protection from interference from licensed services.

Paul K4FB

-----Original Message-----
From: K7VO [mailto:k7vo@earthlink.net]
Sent: Saturday, August 23, 2003 8:54 PM
To: Paul Womble; qrp-l@lehigh.edu
Subject: Re: What is it about hams?

On Sat, 23 Aug 2003 08:50:43 -0400
"Paul Womble" <pwomble@verizon.net> wrote:

> HUH?
>
> Please explain the documentation for this?

Paul: I am not going to take the time to research it and dig out an old news item. It was in the ARRL letter and on eHam.

73,
Caity
K7VO

Date: Sat, 23 Aug 2003 18:53:51 -0700
From: "Floyd Smithberg" <nq7x@earthlink.net>
To: "QRP-L Message" <qrp-l@lehigh.edu>
Subject: [156801] BUBBA Bust or Blast NQ7RP
Message-ID: <002101c369e2\$92074060\$221256d1@FloydNQ7X>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I operated NQ7RP 20M mobile off & on from 0900 to 3pm, heard only two stations and worked one: W5KDJ Wayne in TX.

He may win the the whole test with the extra 10K bonus points.

73 Floyd NQ7X Phoenix,AZ DM33VQ

Date: Sat, 23 Aug 2003 21:47:53 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156802] Re: QHB issues 2, 6 and 7
Message-ID: <01e301c369e2\$f09492e0\$f4c03ad0@GH001188>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

QHB 2, 6 and 7 are spoken for.

QHB #10 still remains. Also check out the pics & photos from the articles in this mag at "QHB Extra!" (<http://www.njqrp.org/qhbextra/index.html>)

73, George N2APB

PS: This is the same online benefit coming soon to HOMEBREWER readers at "HB Extra!". Stay tuned ...

Date: Sat, 23 Aug 2003 20:08:12 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156803] Re: Missing magazines, subscriptions, orders
Message-ID: <002401c369e4\$92951690\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

As the guy who probably got this thread started (by asking about my missing Homebrewer), I second all the comments. My original post was not meant to be critical--I knew that many had reported receiving their copy a week ago, so I was just looking for confirmation that the mail was indeed being slow. I

have nothing but admiration for the guys who put these things together, and George already offered to send me another copy (which I told him to hold off on for a little while--I'm sure my copy will show up soon).

Actually, the journal editors should be flattered--we're all looking forward to receiving our copies!

73 de Dave NK0E

Mike wrote:

Jim,

Unfortunately, magazine publishers really are at the whim of the USPS. Regardless of shipping class, it has been my personal experience, as well that as the editor of QRP Quarterly, that sending post via the USPS has really become a crap shoot. Much gets there faster than ever. Much now gets there via the BY bureau (on a slow boat and back). It seems that ever since the anthrax scare a couple of years ago, the service has been very, very unpredictable.

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Date: Sat, 23 Aug 2003 22:17:46 -0400
From: "Robert K. Henderson" <rk@sympatico.ca>
To: <qrp-l@lehigh.edu>
Subject: [156804] Quirky English laws
Message-ID: <BB6D9885.97D%rk@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

on 8/23/03 19:03, qrp-l@Lehigh.EDU at qrp-l@Lehigh.EDU wrote:

> Can you match an English law that says it's OK to shoot a Welshman with
> an arrow in the grounds of Hereford Cathedral on a Sunday?

Aye, tha ah can. There's another that says that if any brewer who puts heather in beer gets 20 years in gaol... with no right to trial!

However, while I can't say how many Welshmen are legally riddled with arrows these days, Westminster has wisely chosen not to enforce the anti-heather law since Leann Fraoch (literally, "Heather Ale") hit the market in the early 1990s and immediately became the de rigueur drink for Scottish nationalists.

RK Henderson

Author of "The Neighborhood Forager," the complete guide to the wild edibles of residential areas.

For more information, see <http://rkhen.tripod.com/>

Date: Sun, 24 Aug 2003 03:35:16 -0000
From: "John Sielke" <jsielke@pobox.com>
To: grp-1@lehigh.edu
Subject: [156805] Re: BUBBA Bust or Blast NQ7RP
Message-ID: <3F483274.16124.6757663@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> I operated NQ7RP 20M mobile off & on from 0900 to 3pm, heard only two
> stations and worked one: W5KDJ Wayne in TX.
> He may win the the whole test with the extra 10K bonus points.
> 73 Floyd NQ7X Phoenix,AZ DM33VQ

He well may. I worked 2 AZ stations, but not NQ7RP. Glad to hear everyone found it the same. Hey, don't I get 10,000 points for running the AZSQP Class E transmitter?

Figgers a pesky Texan would be the only one to work NQ7RP....

John W2AGN

Date: Sat, 23 Aug 2003 21:54:32 -0600
From: William R Colbert <w5xe@juno.com>
To: blawson@classicnet.net, qrp-1@lehigh.edu
Subject: [156806] Re: DSP manual or schematic????
Message-ID: <20030823.215521.-207133.9.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you take that number to the Radioshack.com site and type it in the search block, it will bring up all they have - about 5 or 6 pages of operating, parts lists, exploded view of the unit but no schematic. I have 2 or 3 of them and none of the manuals ever had a schematic, nor has it ever to my knowledge been on the web site either. Good luck on finding the schematic.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sat, 23 Aug 2003 21:55:04 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [156807] What is a "Pittsburg" board?
Message-ID: <000d01c369fb\$e42084b0\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I see several postings on "Pittsburg" style construction. I guess I should explain it, as I was the one who gave it its name. A story follows, (you knew that already I bet, grin.)

I went to college in Pittsburg, Kansas in the late 60's and graduated from Kansas State College of Pittsburg (now known as Pittsburg State University) in 1970. I had not been back there in about 30 years and had no plans to really go there until I met two really nice guys, Gene Sailsbury and Joe Porter at Arkiecon a couple of years ago. They presented me with a very nice plaque and certificate from the President of Pittsburg State for being

a distinguished alumni at Arkiecon two years ago (I think that they had run out of candidates that month or something). Anyway, they invited me to come to Pittsburg and check out the town. See how it had changed in 30 years, etc. So, I decided to do so. A good friendship developed, and we started to exchange emails about building and qrp.

Joe Porter is a wonderful builder. A perfectionist. He showed me some of his projects when I visited, and a couple of circuit boards that he made himself for his projects. Boy was I impressed. I was with Gene and after we left Joe's house, I asked him how he made the boards. Gene said that he had the whole set up to do it, and made them in his basement. I asked if it would be possible for Joe to make me a couple of boards, as I was working on the NorCal Keyer at the time, and wanted to do a prototype layout to check out the chip. Gene said he would check with Joe, but he was sure that he would do it.

I went home, layed out the board with Circad, but I did not want to drill holes on such a simple board, so decided to do it surface mount, but using leaded components, which I first saw on the St. Louis Tuner prototype many years ago. I sent the board to Joe, and he sent one back in a few days. Wow, it was beautiful, and because the traces and pads were already etched, it was a snap to build. Much easier than Manhattan, because you didn't have to glue any pads on or figure out a layout, it was already done on the etched board. I worked with Joe on a couple of other boards, and encouraged him to provide them to others for simple projects that appeared in QRPP and the "Homebrewer". In fact, I thought that the NJ Sniffer kit, which I think you can still order from the www.amqrp.org website under NJ QRP Club kits, was a perfect vehicle for this type of construction. Several guys have told me that they like the Manhattan style, but wish that they didn't have to mess with the gluing. Joe's board solves that problem. Joe contacted George Heron, and asked permission to sell a board for the NJ kit. George not only gave him permission, but was delighted to be able to find someone that would do a board for the kit as an add on. George even put the info on the NJ page.

Joe wrote an excellent article on the technique in the initial issue of the "Homebrewer", and it gives an excellent overview of the building style. I like the style of building, but both Joe and I feel it has its limits. We both agree for short runs of kits, or where the board is really simple, it is an excellent way to go. But if the kit is fairly complex, then a regular through hole board or even Manhattan style is a better choice.

Joe and I did not invent this type of building. We never claimed to. Joe did publish it and I named it, in honor of where the boards come from. To sum it up, a Pittsburg style board is one in which all the traces and pads are cut or etched from a board. No holes are drilled, and the components are mounted on the copper side of the board. No gluing and no wiring between pads. I think Joe did a great job of showing qrpers another way of

building. Thanks for the contribution Joe. So now you know how the
"Pittsburg Style" got its name. 72, Doug

Date: Sun, 24 Aug 2003 07:36:33 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: <rk@sympatico.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156808] Re: Quirky English laws
Message-ID: <Law15-DAV25YdRGy9tC00000cdf@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Robert K. Henderson" <rk@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 24, 2003 3:17 AM
Subject: Quirky English laws

> on 8/23/03 19:03, qrp-1@Lehigh.EDU at qrp-1@Lehigh.EDU wrote:
>
> > Can you match an English law that says it's OK to shoot a Welshman with
> > an arrow in the grounds of Hereford Cathedral on a Sunday?
>
> Aye, tha ah can. There's another that says that if any brewer who puts
> heather in beer gets 20 years in gaol... with no right to trial!

Witchcraft is still on the statute book. I think someone was actually
charged with witchcraft in the 1930s and imprisoned for claiming to be a
medium, and extracting money from people.

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sat, 23 Aug 2003 23:40:41 PDT
From: Ken Brown <hfbeacons@juno.com>

To: qrp-1@Lehigh.EDU
Subject: [156809] Solar Flare Alert/IPS Geo Warning
Message-ID: <20030825.013727.6935.2.HFBEACONS@juno.com>

The Australian government monitors solar flares and has this latest report. The IPS alerts have been tracking or correlating with poor propagation conditions on the upper HF bands. On 28 MHz, on some days of the geomagnetic storms, no beacon signals were heard, or only a few were heard from beacon monitor stations.

Compare with this week's ARRL Propagation report.

From: rwc <rw@ips.gov.au>

Reply-To: asfc@ips.gov.au

To: ips-geo-warning@ips.gov.au

Date: Sat, 23 Aug 2003 23:47:25 GMT

Subject: [Ips-geo-warning] IPS GEOMAGNETIC WARNING

SUBJ: IPS GEOMAGNETIC DISTURBANCE WARNING 03/40

ISSUED AT 23/2342Z AUGUST 2003

BY THE AUSTRALIAN SPACE FORECAST CENTRE.

INCREASED GEOMAGNETIC ACTIVITY EXPECTED
DUE TO CORONAL HOLE HIGH SPEED WIND STREAM
FROM 24 AUGUST 2003

The high speed solar wind stream remains strong due to the coronal hole effect. Periods of minor storm may be observed on 24 August.

GEOMAGNETIC ACTIVITY FORECAST

24 Aug: Mostly active. Isolated minor storm possible.

IPS Radio and Space Services	email: asfc@ips.gov.au
PO Box 1386	WWW: http://www.ips.gov.au
Haymarket NSW 1240 AUSTRALIA	FTP: ftp://ftp.ips.gov.au
tel: +61 2 9213 8010	fax: +61 2 9213 8060

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ips-geo-warning mailing list
ips-geo-warning@ips.gov.au
<http://www.ips.gov.au/mailman/listinfo/ips-geo-warning>

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

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Date: Sun, 24 Aug 2003 12:58:25 +0300
From: Paul <mooney@cytanet.com.cy>
To: ko4wx@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156810] Re: Missing magazines, subscriptions, orders
Message-ID: <1061719104.4099.1.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Sun, 2003-08-24 at 04:01, Michael C. Boatright wrote:

> Jim,
>
> Unfortunately, magazine publishers really are at the whim of the
> USPS. Regardless of shipping class, it has been my personal experience, as
> well that as the editor of QRP Quarterly, that sending post via the USPS
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> everything we can to "make good" on any issues missed in error.
>
> 72 de Mike, K04WX, Editor, QRP Quarterly

> Michael C. Boatright
>

Received mine on Thursday - a great read!

Points:

1. I live in Cyprus, and
2. it had the wrong PO Box number.

Mails good, as far as I'm concerned - hope you all get yours soon.

Paul M

Date: Sun, 24 Aug 2003 11:46:50 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: jsielke@pobox.com
Cc: qrp-1@Lehigh.EDU
Subject: [156811] Re: BUBBA Bust or Blast NQ7RP
Message-ID: <20030824.044713.4590.58112@webmail01.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I have heard w2agn on the last 8-10 contest and this is the first one that I have been able to work him!!!! I really screwed up cause I forgot to ask NQ7RP to QSY to 21mcs until about 3 mins after I wrked him. Could not find him again.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL

--- "John Sielke" <jsielke@pobox.com> wrote:

> I operated NQ7RP 20M mobile off & on from 0900 to 3pm, heard only two
> stations and worked one: W5KDJ Wayne in TX.
> He may win the the whole test with the extra 10K bonus points.
> 73 Floyd NQ7X Phoenix,AZ DM33VQ

He well may. I worked 2 AZ stations, but not NQ7RP. Glad to hear everyone found it the same. Hey, don't I get 10,000 points for running the AZSQP Class E transmitter?

Figgers a pesky Texan would be the only one to work NQ7RP....

John W2AGN

Date: Sun, 24 Aug 2003 08:24:33 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156812] Re: What is it about hams
Message-ID: <200308240824.33391.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Actually I am a "doubting Thomas" on this one too, but perhaps for other reasons.

It was my personal experience, when running a repeater on the "left coast" some twenty odd years ago, that the FCC doesn't always follow their rules. Further some hams, no doubt, don't question such things when they happen. In my case I challenged them to 'site' what part of what rules I was violating when someone complained. They could not. I got an apology from both the Long Beach office and D.C. over the silly pink notice the trustee of the repeater was sent, and an assurance that it wouldn't happen again (to our repeater I guess - hi hi).

Anyways the point is that while I would hope that part 15 devices are expected to endure all interference that comes their way etc., blah blah (as per the rules), I am sure that the FCC can, as it had with me, grease a squeaky wheel without first making sure of what they are doing.

So....it may not be too hard to come up with some evidence that the FCC acted in favor of a part 15 device owner over a legally run and licensed ham. Nonetheless, that only serves to indicate the perverse (and odd) nature of any such occurrence and doesn't or shouldn't be reason to NOT challenge any new occurrence of such interference.

(It would be nice to see the relevant documentation of what Caity mentioned, so we can judge for ourselves what it all means.)

Vy 72;

Bob

w9ya

On Saturday 23 August 2003 07:57 pm, K7V0 wrote:

> On Sat, 23 Aug 2003 16:11:07 -0400

>

> "John Sielke" <jsielke@pobox.com> wrote:

> > Hmmm! Seems to be taking awhile to confirm this. Could it be another case

> > of misinformation? Naaaah! I sure the FCC will shut me down if I crash my

> > neighbors Radio Shack R/C car too many times.

>

> Thank you for accusing me of lying because I don't live online. As I

> remember, it was a baby monitor, but I could have that wrong. You want

> confirmation: you spend the time to research all the old FCC proceedings or

> ARRL letter. I will get to it... eventually. I don't live at your beck

> and call.

>

> -K7V0

Date: Sun, 24 Aug 2003 07:29:12 -0700

From: "William Phinizy" <k6whp@verizon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [156813] Re: What is a "Pittsburg" board?

Message-ID: <002401c36a4c\$18609f30\$6b62e043@sydelpgnr79gmd>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Doug (and the assembled throng):

I suspect that there is a trend underway to name methods of construction after geographical locations either because their progenitor hailed from that locale or it bore some resemblance to the topography of its sobriquet.

In keeping with this tradition, may I humbly add that we should attribute the name "Kansas Board" and/or "Kansas Construction" to a plane, polished piece of PCB because it bears resemblance to the flat plains of the state from whence you hailed?

;-)

(with greatest reverence)

72,

Bill, k6whp

Date: Sun, 24 Aug 2003 07:35:03 PDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-1@Lehigh.edu
Cc: kg6cyn@softhome.net
Subject: [156814] Re: DDS experimenter's kit
Message-ID: <20030824.093039.9351.0.n5ib@juno.com>

Just a report on progress with Trevor's DDS signal generator kit.

CPU and display boards are completed and mated together. Have made some progress on the DDS board, but gathering the courage to solder that tiny DDS chip :^)) Its corners are tacked down, but I'll have to wait 'till my meds kick in before proceeding further :^))

Initial power up checks of the CPU & Display: Everything appears to work according to spec. Special Note - save yourself a few skipped heartbeats and turn the LCD display potentiometer fully counterclockwise before turning on the power - you'll thank me later!

As instructed on Trevor's web page, shorted RXTx to GND while powering up the first time, then powered down, removed that shorting jumper and shorted TS to GND and powered up again. Removed the short, waited a few seconds then briefly shorted it back to GND and was rewarded with the "Version 1.1" sign-on message. This will need to be repeated when I actually connect the DDS board.

I think I followed the schematic and the pin out diagram for the rotary encoder correctly. My frequency decreases for clockwise rotation of the encoder shaft.. I'll swap the A&B lines on the encoder because I prefer increasing frequency for clockwise rotation. It powers up at 40 MHz.

I have been taking more pictures and will incorporate them into additional sections of the in-progress assembly manual (at <<http://www.qsl.net/n5ib>>) over the next few days.

Many thanks to Trevor for a neat design and to Jay for handling the kits.

72

Jim N5IB

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 24 Aug 2003 10:49:41 -0400
From: Bob Patten <n4bp@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
Elecrafft Reflector <elecrafft@mailman.qth.net>
Subject: [156815] BUBBA
Message-ID: <3F48D085.6070101@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

45 (QSO pts) X 27 (SPCs) X 1 (5W) X 2 (Outdoor Op) X 120 (Heat Index)
= 291,600

Operated outside on patio with K2 @ 5W and TH7-DXX. Got chased inside
by a violent
thunderstorm for about an hour. Activity was so slow that I packed it
in two hours before the end.

--

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@arrl.net Website: <http://www.qsl.net/n4bp>
QRP ARCI #3412 SOC #1 ARS #799 Whiners #6 FISTS #7871

Date: Sun, 24 Aug 2003 09:52:37 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: K7VO <k7vo@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156816] Re: What is it about hams
Message-ID: <Pine.LNX.4.33.0308240925480.23180-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jeez, folks, calm down a little. Memories are not perfect, and there are
things even professional researchers can't find. About a minute of
searching on Google found this:

<<http://www2.arrl.org/tis/info/rfigen.html>> - Here's where ARRL seems to say the FCC *could* impose quiet hours.

While not exactly Part 15 specific, this might also come into play. This says if your neighbor's TV is not a POS, even if you're within limits for your own station, you might be SOL for transmitting during prime time:

97.121 Restricted operation.

(a) If the operation of an amateur station causes general interference to the reception of transmissions from stations operating in the domestic broadcast service when receivers of good engineering design, including adequate selectivity characteristics, are used to receive such transmissions, and this fact is made known to the amateur station licensee, the amateur station shall not be operated during the hours from 8 p.m. to 10:30 p.m., local time, and on Sunday for the additional period from 10:30 a.m. until 1 p.m., local time, upon the frequency or frequencies used when the interference is created.

Fortunately it specifically addresses domestic broadcast - TV and radio. PLC would not be in the broadcast service, but of course with the application of suitable amounts of cash rules can be amended, as we have seen many times in the past. That's all I could find on the subject.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Sun, 24 Aug 2003 11:11:04 -0500

From: W2EB <w2eb@twcnny.rr.com>

To: jc@cowgar.com, qrp-1@lehigh.edu

Subject: [156817] Re: Schematic Drawing Program

Message-ID: <3F48E398.1090501@twcnny.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Jeremy,

A very simple, small, and easily learned program is at:

<http://www.tinycad.sourceforge.net>

Of the two versions, I prefer the older.

Unlike some of the other suggestions, this prog has *very* little learning curve, is absolutely free, and is designed only as a schematic

editor.

Unfortunately, it doesn't interface with any other CAD progs, so you won't be able to automatically generate a PCB or SPICE netlist with it.

73,

Bill
W2EB

Jeremy Cowgar wrote:

> Greetings.

>

> What's the general consensus on a good, free Schematic drawing program.

> It seems that there are quite a few of the > 15, and it would take quite

> the chunk of time to evaluate them all, so I was curious of the QRP-L

> group has a favorite?

>

> Thanks,

>

> Jeremy

> KB8LFA

> <http://www.qsl.net/kb8lfa/>

>

>

--

"Thomas Hodgkin died of natural causes"

Date: Sun, 24 Aug 2003 11:10:34 -0400

From: "John Paul Keon" <jpkeon@nc.rr.com>

To: <ATRAIL@yahoogroups.com>, <Buddipole@yahoogroups.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,

"aa4xx" <aa4xx@bellsouth.net>, <n4hay@nc.rr.com>,

Subject: [156818] Gear // WQ4RP trip for NEQRPTTF

Message-ID: <00df01c36a51\$e0602b40\$6401a8c0@nc.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 8bit

BlankHi Gang,

I don't know how many of you are like me, and look for bargains. I was at the Coleman outlet near home yesterday and stopped in to get some gas for my stove and lantern for

our trip up to the mountains in three weeks and to check and see if they had any sales going on.
Well the lady in the store is always sending me emails to tell me there are some specials, and this time was no different.
I walked in there and sure enough they had some good deals.

http://www.coleman.com/coleman/colemancom/detail.asp?product_id=8567-685

I got a new tent, 4 man, about 8 pounds, that is really small for trips, and a new backpack. I hated to give up my backpack my dad got me when I started going hiking.
Seriously, I have been using the same old canvas bag all these years and never gave a thought to the new gear until the last trip up the mountain.

I got a new inner frame backpack (reg price \$129) with the sale and a boyscout discount for \$49.
Then the tent is on sale for \$49 too.
I already have a nice two man tent that is awesome and light, but this one had to join the collection for the trips to the beach, kayaking, and to the mountain for an operating position for the WQ4RP group when we go.

Let's see, as a retired state trooper, and not a salesman, I am not selling for them; but, I just wanted to share the opportunity to let you know where they had a nice price.
You can get it online if you are not lucky enough to have one within an hour's driving distance.

Oh, and they did have my gas I needed for my old stove and lamp.
I had been looking for years and finally they came out with an adapter for my stove/lantern (Roberts Mini-Mark III). I hunted on all the websites for an adapter (they did not make) and finally one day this young lady emailed me and I called her and now I have an adapter for my lantern and stove.

<http://www.camppro.com/content.asp?c=stove>

I can use the gas they have available now too, that is EPA approved.
I was given this lantern/stove by my boy scouts as a present one year, when it was available for the old style (now disapproved by EPA) gas cans. As a result, I now can enjoy this one with my trips also.

Looking forward to seeing/hearing some of you during the NEQRP TTF event on the 20th.
We will be operating from 6,124 feet from Black Balsam Knob at MP 320 on the Blue Ridge Parkway

<http://www.topozone.com/findresults.asp?place=black+balsam+knob&statefips=0>

and will be trying to use some new rigs and antennas and see how we do. If nothing else, we will have a nice weather event, I hope. If it is nice, it will be the first time in the last 9 outings we have done together (WQ4RP) that we did not get rained out. By the way, it is not on the AT, but rather the Art Loeb Trail, and would not qualify for the AT events. Sorry guys.

<http://www.topozone.com/map.asp?lat=35.76472&lon=-82.26528>

It is 470 feet short of the highest point in NC; but, we feel it is high enough for the contest. We want to try out some new MOXON technology. Paul/AA4XX, Dick/N4HAY and I will be up there for three days and two nights and will be on the air as much as possible, so look for us.

Have fun and cu in the contest.

John Paul, Raleigh, NC [AB4PP]//NNN UTV

<http://www.knightlites.org>

"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Date: Sun, 24 Aug 2003 11:17:43 -0400
From: <bill@n4qa.com>
To: <qrp-l@lehigh.edu>
Subject: [156819] Worked a walking ham station this morning...
Message-ID: <006401c36a52\$dec01a60\$d925ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, y'all.

Was hanging out on 7040 around 0800 EDT.
Heard a mobile(regular car-type mobile) station call CQ a couple of times.
Heard another station call the mobile...no response. So, I gave the mobile a call...didn't come back to me either though he had very strong sigs here.
Then, I heard the other station calling me but he was being covered up by the mobile's sigs, so I tapped out "up1 up1 de N4QA" to which I heard a "rr" response.
So, I tuned the IC-703 to 7041, listened for a few seconds, then sent "QRZ? de N4QA K".
It was Dale, WB8W0J/4 in Brunswick, GA. Dale was walking around with his

'HFPACK', which features an FT-817, battery pack, a 5-ft high antenna etc. And, he was dragging a half-wave wire on the ground behind him. Sending with his left hand, he said, and holding something...perhaps the rig...in his right.

He started out at RST 559 but soon rose to 599 solid. We had a a very nice chat, then, Dale had to be on his way.

That has to be the ultimate in outdoor operating. I asked Dale to be careful not to trip over the wire or to get tangled up in a passing vehicle or something...

73.

Bill, N4QA

Date: Sun, 24 Aug 2003 10:25:08 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156820] Re: What is it about hams
Message-ID: <200308241025.09157.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

I am VERY calm. Nonetheless, asking for clarifications is not an un-calm act either. Caity bought it up, and it would be nice to see what it is we are talking about in specific. I thought I was both polite and calm about asking. Perhaps you are referring to someone else asking ?

Also....Um, was this section (97.121) added in the fifties or early sixties prior to part 15 additions/modifications that we are discussing ?

Bob
w9ya

On Sunday 24 August 2003 09:52 am, Dale Botkin wrote:

> Jeez, folks, calm down a little. Memories are not perfect, and there are
> things even professional researchers can't find. About a minute of
> searching on Google found this:
>
> <<http://www2.arrl.org/tis/info/rfigen.html>> - Here's where ARRL seems to
> say the FCC *could* impose quiet hours.
>

> While not exactly Part 15 specific, this might also come into play. This
> says if your neighbor's TV is not a POS, even if you're within limits for
> your own station, you might be SOL for transmitting during prime time:
>
> 97.121 Restricted operation.
> (a) If the operation of an amateur station causes general interference to
> the reception of transmissions from stations operating in the domestic
> broadcast service when receivers of good engineering design, including
> adequate selectivity characteristics, are used to receive such
> transmissions, and this fact is made known to the amateur station
> licensee, the amateur station shall not be operated during the hours from
> 8 p.m. to 10:30 p.m., local time, and on Sunday for the additional period
> from 10:30 a.m. until 1 p.m., local time, upon the frequency or
> frequencies used when the interference is created.
>
> Fortunately it specifically addresses domestic broadcast - TV and radio.
> PLC would not be in the broadcast service, but of course with the
> application of suitable amounts of cash rules can be amended, as we have
> seen many times in the past. That's all I could find on the subject.
>
> 72,
> Dale - NOXAS

Date: Sun, 24 Aug 2003 09:20:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: <Fghester@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156821] Re: Bubba Bust
Message-ID: <Pine.LNX.4.33.0308240918500.15403-1000000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi guys...I figured I'd "do" BUBBA this time around but after listening to
the bands with close to zero signals, I shut the K2 down and did a project
in the backyard...too bad, so sad....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 24 Aug 2003 10:27:32 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156822] Re: Schematic Drawing Program
Message-ID: <00a501c36a5c\$9f41f020\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

And the correct URL is:

<http://tinycad.sourceforge.net/>

That the fish. Here's the how to fish: type "tinycad" in google,
www.google.com

73, Rod N0RC

----- Original Message -----

From: "W2EB" <w2eb@twcnny.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 24, 2003 10:11 AM
Subject: Re: Schematic Drawing Program

> Jeremy,

>

> A very simple, small, and easily learned program is at:

> <http://www.tinycad.sourceforge.net>

Date: Sun, 24 Aug 2003 10:42:39 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [156823] Re: BPL (was: What is it about hams?)
Message-ID: <5.1.1.6.2.20030824101822.00a4adb0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Turning this around slightly: When the BPL system causes interference to TV channels 2, 3, 4, and 5, who's the customer going to blame: "professionals" connecting jamming transmitters to the power system, or that *&^% ham down

the street? Given the history with arcing doorbell transformers, oscillating TV antenna "booster" amplifiers, audio gear with no RF immunity, PCs without RFI control, and many other cases the blame will be aimed at us, not the actual culprits.

The power companies have stated in the FCC comments that there have been "no formal complaints" in the BPL test areas. How could there be complaints? The interference source is unintelligible, unidentified, from dispersed sources, and in most cases those affected are not aware of the presence of these devices, let alone their potential for causing interference. Technically aware victims of the interference cannot file a complaint against the culprit, because they have no idea who that would be (a situation that is changing rapidly--thanks, Ed and ARRL!). Unsophisticated victims file a complaint against a visible third party: hams, cell phone towers, CBers, TVRO dish owners, etc. In either case, there are no complaints against the responsible party.

72,
--Tim (KROU)

>"Nick Kennedy" <nkennedy@tcainternet.com>:

>

>It seems to me that if radio transmissions interfere with BPL, the
>subscriber probably isn't going to know it. He will just think, "This #@!!&
>internet is sure slow today!". That happens to many of us right now, and we
>have no idea what the cause is. DNS attack? Bug or virus in my PC? Poor
>signal on the cable? Satan? The CIA? UFOs? Who knows?

>

>The point is that it's a lot different than with TV, radio, or stereos,
>where a certain sound or pattern of interference may make the user think
>it's the ham down the street (even if he's wrong). Also, with those
>devices, the user has an expectation of high quality service. With the
>internet, it'll just be another slow connection and who knows why.

Date: Sun, 24 Aug 2003 12:59:00 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156824] Re: BUBBA
Message-ID: <3F48B694.32581.63835BD@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> 45 (QSO pts) X 27 (SPCs) X 1 (5W) X 2 (Outdoor Op) X 120 (Heat Index)
> = 291,600

Admit it, Bob, you are really from Texas....

John W2AGN

--

Date: Sun, 24 Aug 2003 10:01:18 -0700 (PDT)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156825] Re: Bubba Bust
Message-ID: <20030824170118.47673.qmail@web80512.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Bruce Rattray <rattray@gpfn.sk.ca> wrote:

>
> Hi guys...I figured I'd "do" BUBBA this time around but after
> listening to
> the bands with close to zero signals, I shut the K2 down and did a
> project
> in the backyard...too bad, so sad....

We have another problem again today Bruce. This Solar Wind (minor storm) isn't gonna do the CQC 2003 Summer QSO Party any favors which is supposed to commence in about an hour.

I believe this is the worst Summer propagation condx I've ever encountered since being licensed. Well....close anyway. HI

"When the going gets tough ... the tough gets going" or something like that. You get my drift.

72, Gary -K8KFJ-

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sun, 24 Aug 2003 10:00:57 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: n5ib@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156826] Re: DDS experimenter's kit
Message-ID: <007601c36a61\$4b4e9900\$6818f4d8@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jim,

Thanks for the update. Just a couple of comments...

> Initial power up checks of the CPU & Display: Everything appears to work
> according to spec. Special Note - save yourself a few skipped heartbeats
> and turn the LCD display potentiometer fully counterclockwise before
> turning on the power - you'll thank me later!

This is a very good suggestion. This pot controls the bias to the LCD Display and if not adjusted correctly, you won't see anything on the display. If you power up your Sig Gen and see nothing on the display, try this.

> I think I followed the schematic and the pin out diagram for the rotary
> encoder correctly. My frequency decreases for clockwise rotation of the
> encoder shaft.. I'll swap the A&B lines on the encoder because I prefer
> increasing frequency for clockwise rotation. It powers up at 40 MHz.

The pin outs of the connector on the CPU PCB is correct. My guess is that when you looked at the data sheet for the little encoder, that you viewed it from the top instead of the bottom or visa versa. It's easy to do and I've done it myself in the past. Correct wiring should produce increasing frequency when turning clockwise and decreasing frequency when turning counter-clockwise.

> I have been taking more pictures and will incorporate them into
> additional sections of the in-progress assembly manual (at
> <<http://www.qsl.net/n5ib>>) over the next few days.
>

> Many thanks to Trevor for a neat design and to Jay for handling the kits.

...and thank you for all the efforts to make building these a bit easier for everyone Jim!

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

Date: Sun, 24 Aug 2003 13:34:13 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156827] Re: What is a "Pittsburg" board?
Message-ID: <Pine.LNX.4.33.0308241331540.23460-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 24 Aug 2003, William Phinizy wrote:

> In keeping with this tradition, may I humbly add that we
> should attribute the name "Kansas Board" and/or "Kansas
> Construction" to a plane, polished piece of PCB because it
> bears resemblance to the flat plains of the state from
> whence you hailed?

Or Oklahoma Construction, very similar to Kansas but heated to just below
the melting point and lightly oiled...

Wyoming Construction, if mostly unpopulated...

8-)

72,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Sun, 24 Aug 2003 15:04:03 -0400
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Cc: k6whp@verizon.net
Subject: [156828] Re: What is a "Pittsburg" board
Message-ID: <5.0.2.1.2.20030824150224.02976e70@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>> I suspect that there is a trend underway to name methods of
construction after geographical

>> locations either because their progenitor hailed from that locale or it bore some resemblance
>> to the topography of its sobriquet.

If that be the case, then it should be more appropriately named "Michigan" construction, since that is where Doug DeMaw, W1FB, was from.

72 de Mike, K04WX
Michael C. Boatright

Date: Sun, 24 Aug 2003 15:09:14 -0400
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@lehigh.edu>
Subject: [156829] Re: What is a "Atlanta" board?
Message-ID: <017d01c36a73\$36284d20\$83e85b0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since we don't want to have anyone miss any of the fun there is a trend to name a Dremel ground surface wired PC board after the closest big city. So us folks in Georgia, especially the NoGa club, will be calling such boards "The Atlanta Boards". Since this will, no doubt, be a way to see does the most kits let me add that the NoGaWatt kit is in the 400 the category, that should place us somewhere the top. Keep up the names folks.

Mike Branca W3IRZ in Conyers Georgia

Date: Sun, 24 Aug 2003 11:37:20 -0800
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [156830] Using good subject headers - Re: BPL (was: What is it about hams?)
Message-ID: <3F4913F0.3010203@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Tim, thanks for changing the Subject. I had skipped reading ALL the messages about "What is it about hams?" as the subject held no interest for me.

BPL, on the other hand may be worth a read.

73, Jim, AL7FS

--

Jim Larsen, AL7FS

Anchorage, Alaska

<http://www.qsl.net/al7fs>

End of QRP-L Digest 3022
